Exhibit 39

SW-SEC00150761

From: Colquitt, Steven [/O=SOLARWINDS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=0294A8D2FD6E40FA84FE5BAA92BC97CD-COLQUITT, STE]

Sent: 2/1/2018 4:33:28 PM

To: Pierce, Kellie [/o=SolarWinds/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=c60637762d9c4ea29729c77460571790-pierce, kelli]

CC: Johnson, Rani [/o=SolarWinds/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=61ad383fe3474bf084190056f2ce567b-johnson, rani]

Subject: RE: SDL Training

Attachments: SDL-AppSec-Training.pptx

Latest attached. Includes updated numbers for the 37 incidents.

From: Pierce, Kellie

Sent: Wednesday, January 31, 2018 2:36 PM

To: Colquitt, Steven <steven.colquitt@solarwinds.com>
Cc: Johnson, Rani <rani.johnson@solarwinds.com>

Subject: RE: SDL Training

Got it. I will set up a meeting early next week with Rani, as she wants to review the final materials. As we are reviewing implementation work of the MSP teams, they would like to be looped into the training. That being said, we need to loop August into the rollout for MSP. We can discuss this as well with Rani.

Thanks, Kellie

From: Colquitt, Steven

Sent: Wednesday, January 31, 2018 3:30 PM
To: Pierce, Kellie < kellie.pierce@solarwinds.com >
Cc: Johnson, Rani < rani.johnson@solarwinds.com >

Subject: RE: SDL Training

No. I have made a few adjustments to help with flow. I am also updating the SDL graphic with SWi colors and few other graphical changes. I won't have that for a few more days. But for all intents and purposes, the content is the same

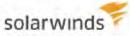
From: Pierce, Kellie

Sent: Wednesday, January 31, 2018 2:28 PM

To: Colquitt, Steven < steven.colquitt@solarwinds.com > Cc: Johnson, Rani < rani.johnson@solarwinds.com >

Subject: SDL Training

Hello Steven, Is this your latest SDL training materials? Thanks, Kellie

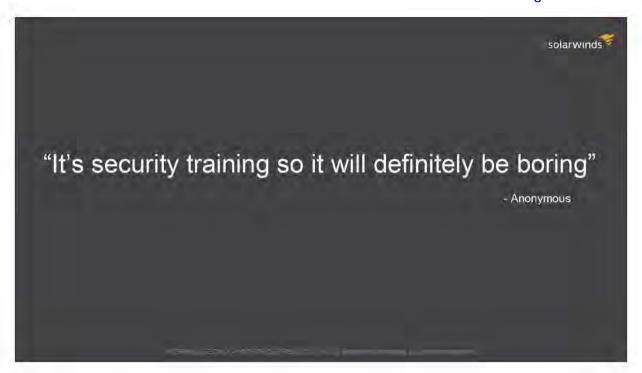


Kellie Pierce | GDPR Project Manager | SolarWinds

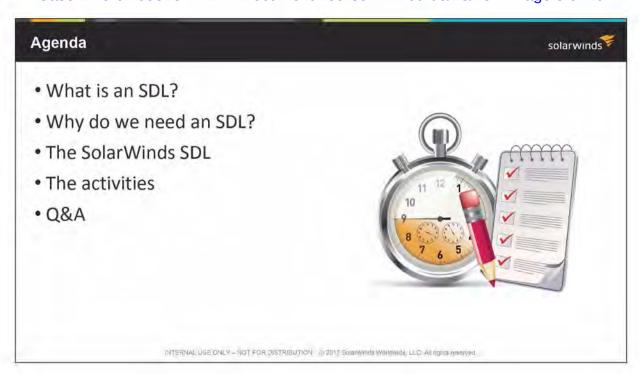
Office: 512.498.6575



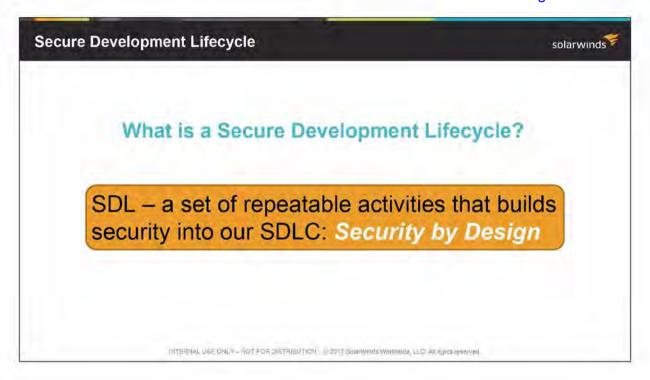
High-level SDL training (no operational content) Bar (What we want to achieve over 2018) We will be audited



This was said as a jest but in truth, security can be perceived as boring and a burden with overhead that will slow teams down; more "things" we have to do. But I believe we are approaching security in a pragmatic manner so that it won't be heavy process that disrupts our development.

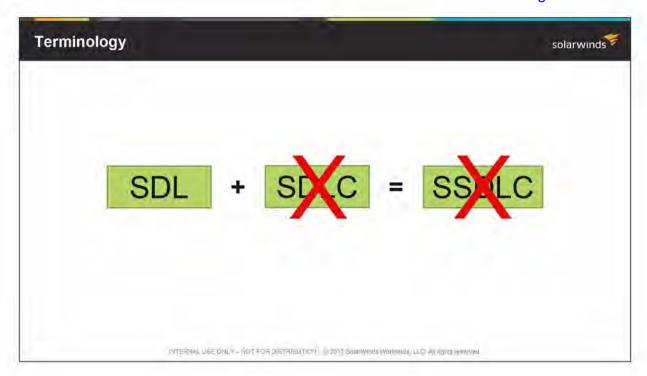






These activities help us focus security throughout the lifecycle of application development. This enables us to design, build and ship more secure software. It give us the opportunity to think through the potential risks and make calculated decisions about mitigations and acceptable levels of risk. While no application is 100% secure, we can be more confident that we are shipping secure software.

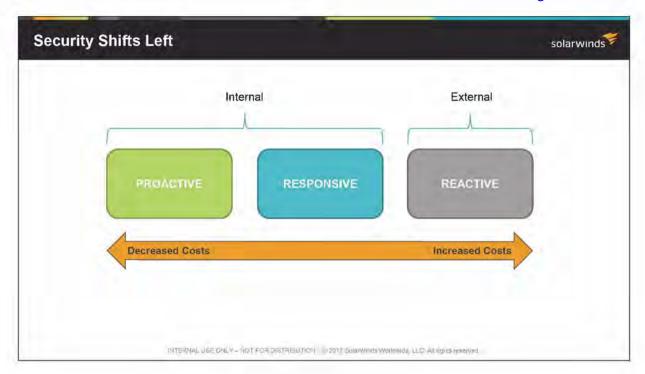
A Secure Development Lifecycle
Enables the construction of secure software
Supports Security by Design
Repeatable security activities
Prioritizes security and privacy
Defines checkpoints
Provides oversight
Improves engineering efficiency
Reduces costs – earlier detection



SDL – Secure Development Lifecycle – this is a set of repeatable activities that are applied to software development to create secure products

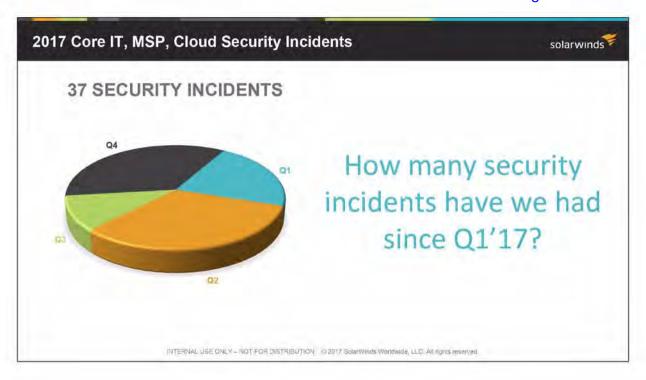
 ${\tt SDLC-Software\ Development\ Lifecycle-this\ is\ a\ set\ of\ repeatable\ activities\ that\ produces\ software}$

SSDLC - Secure Software Development Lifecycle - all activities enable engineers to produce secure software.

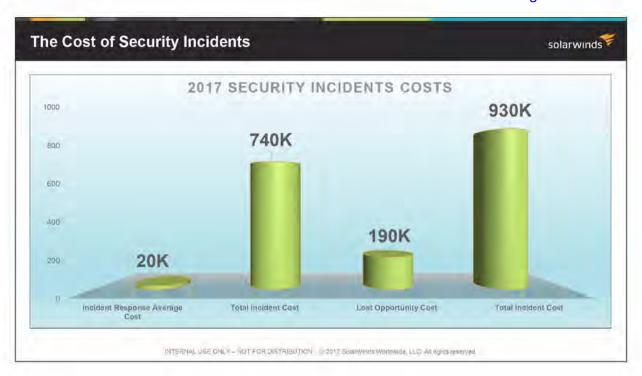


Applying an SDL shifts security left





We started tracking incidents mid Q1 of this year. These are externally reported incidents that then required us to initiate the incident response plan.

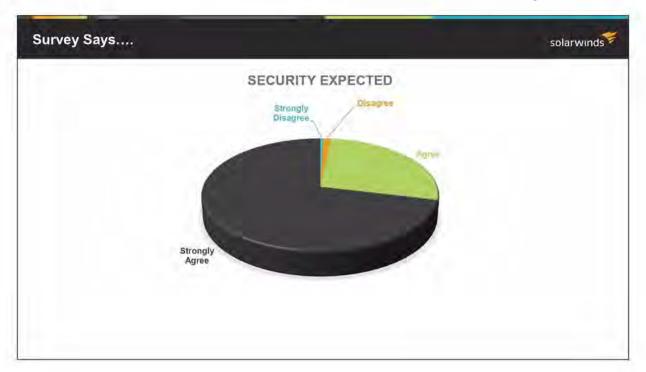


Every time we have to react to a security incident there is a time and financial cost.

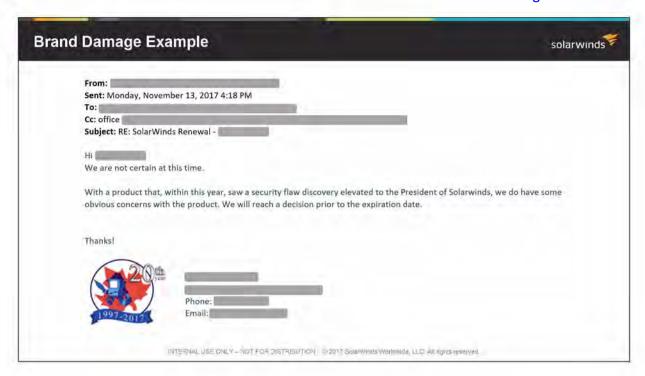
Incidents have time and financial costs associated Costing exercise
131 hours start to remediate
Lost opportunity *
No renewal due to vulnerabilities
Total cost of 2017 incidents
(Time * Cost) + Lost Opportunity

Extrapolated loss over 3 years... \$570

We are building new products this year. How much time has been spend thinking about the security and privacy considerations?



Most of you strongly agree that our customers expect Swi software to be secure.



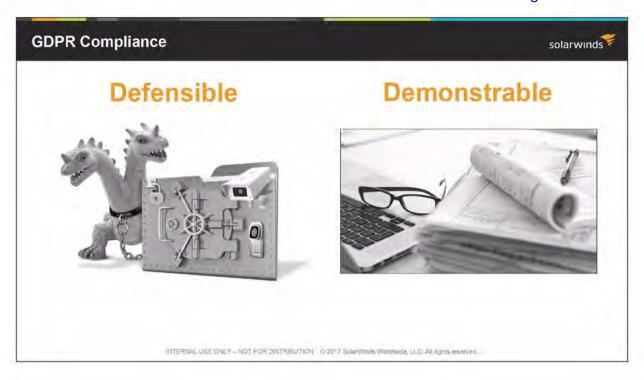
This is an reply from a customer to an email sent to inquire about renewing a product. Their response....



https://gdpr-info.eu/art-25-gdpr/ https://gdpr-info.eu/art-32-gdpr/

The controller shall..implement appropriate technical and organisational measures..in an effective way.. in order to meet the requirements of this Regulation and protect the rights of data subjects'

Art. 25
Data protection and privacy by design and by default
Art. 32
encryption of personal data;
ensure the ongoing confidentiality, integrity, availability
ensuring the security of the processing [of data]



We must be able to defend our processes as secure We must be able to demonstrate how we apply security An SDL will help us:

solarwinds

Reduce the number of security incidents

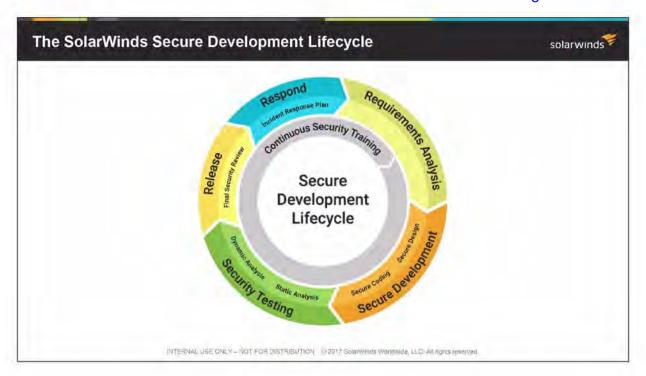
Protect our brand

Meet security expectations

Comply with GDPR privacy laws

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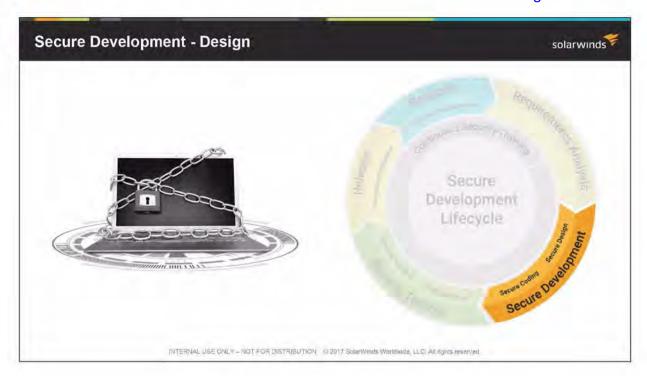
In a repeatable fashion, focus is applied to each of the following security activities during development:
Security Training
Requirements Analysis
Secure Development
Secure Design
Secure Coding
Security Testing
Static Analysis
Dynamic Analysis
Release
Final Security Review
Respond
Incident Response Plan



Security awareness
Security best practices
Industry standards
Secure design
Secure coding
Security testing



What are we building?
What are the security requirements?
What are the privacy constraints?
How will these effect development and testing?
Ex., define security test cases based on requirements analysis



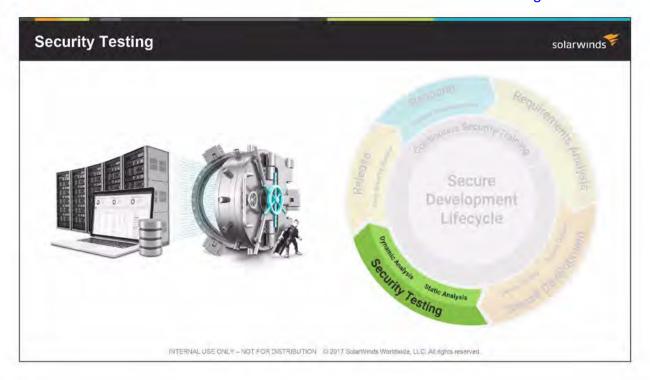
Secure Design
3rd party components
Using latest?
Are there known vulnerabilities?
Cryptography requirements
Privacy considerations
Authentication and access
Reducing the attack surface – do we understand the risks?
Threat modeling

3.37 million support calls



Secure Coding Leverage best practices OWASP (Top 10) SANS (25) SEI – CERT

Best practices such as: Error Handling Authentication and Access Control Session Management Handling input and output Data protection (privacy)



Static Analysis (SAST) Evaluates the source code Supports Shifts security left

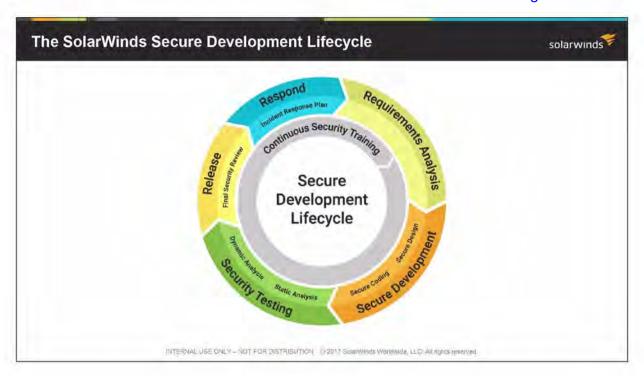
Dynamic Analysis (DAST) Evaluates the running program Vulnerability scanning Penetration testing Fuzz testing



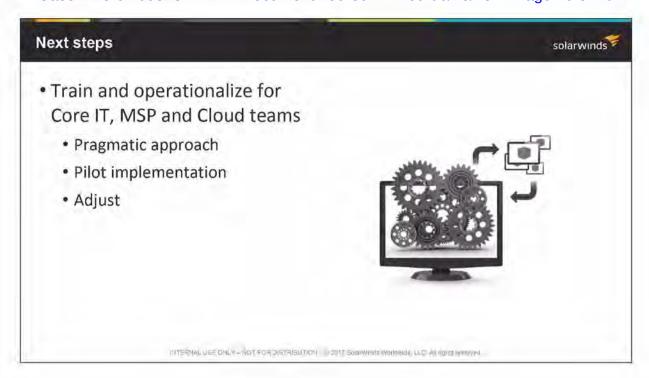
Final Security Review Reviews collateral Threat models, security testing output, security test cases Establishes security and privacy confidence level

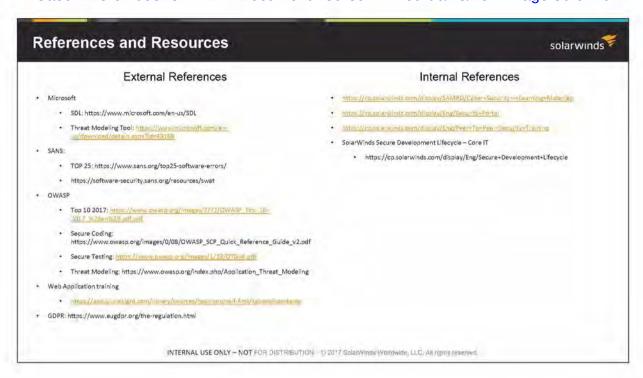


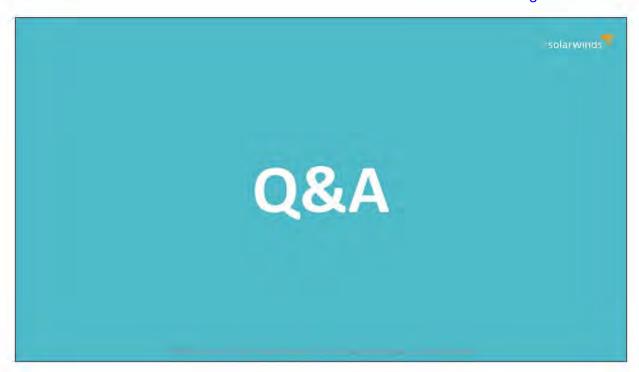
Incident Response Plan
Established process for response
Ensures the right people engaged at the right time
Manages prioritization and timelines
Manages communication
Provides tracking



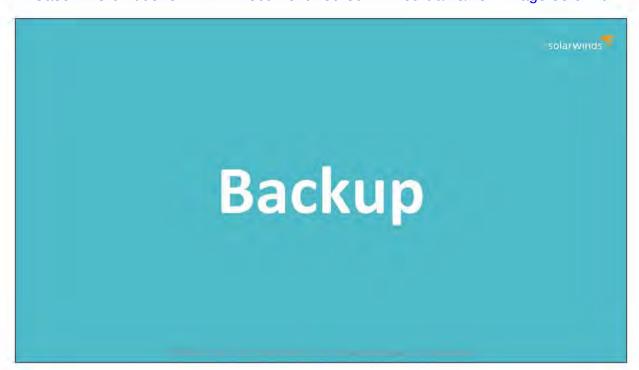
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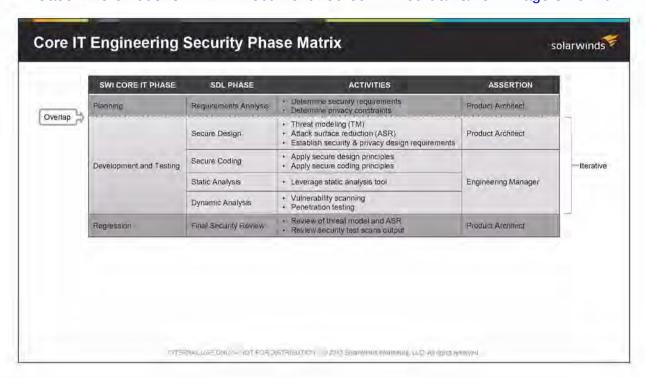












Secure Coding - OWASP Top 10 2017



- Injection
- Broken Authentication
- Sensitive Data Exposure
- XML External Entities
- Broken Access Control
- · Security Misconfiguration
- · XSS
- Insecure Deserialization
- · Using Components with Known Vulnerabilities
- Insufficient Logging & Monitoring

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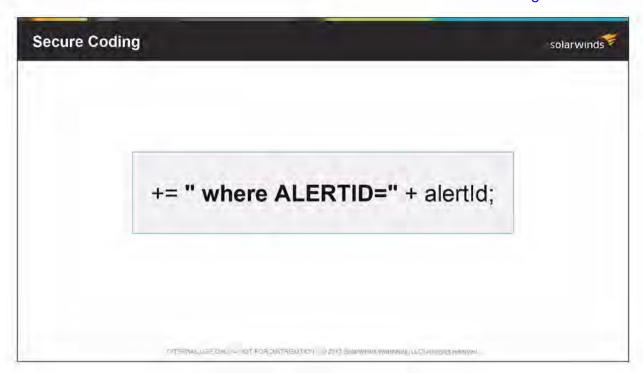
Software centric approach to TM

What are we building?
Deconstruct the application
Where are the risks?
Identify the trust boundaries
Entry points
What data or control exchanged between entities
How do we mitigate or eliminate the risks?
What technical controls can we add to reduce the impact and likelihood?
How can we design security controls that will prevent a vulnerability?

Risk = Likelihood * Impact

STRIDE – Microsoft Spoofing Tampering Repudiation Information Disclosure Denial of Service Elevation of Privilege

Microsoft Threat Modeling Tool - https://www.microsoft.com/en-us/download/details.aspx?id=49168



Secure Coding – CERT Secure Coding (C++, Java) • Declaration and initialization • Expressions • Integers • Containers • Characters and strings • Memory management

Secure Coding - Web Application Best Practices



- · Error handling and logging
 - · Handle exceptions properly and generically
 - · Log authentication activities
- Authentication
 - · Store credentials securely
 - · Run with minimal permissions
- Access control
 - · Apply the principle of least privilege

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Secure Coding - Web Application Best Practices



- Data protection
 - · Secure data at rest and in flight
- Session management
 - · Ensure sufficient entropy with tokens and identifiers
 - · Implement session timeouts
- · Handling input and output
 - · Apply contextual encoding
 - Use parameterized queries
 - · Validate all input

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